

**TRANSPORTATION ASSET MANAGEMENT COUNCIL  
DATA COMMITTEE**

February 28, 2018 at 1:00 p.m.  
MDOT Aeronautics Building, 2<sup>nd</sup> Floor Commission Room  
2700 Port Lansing Road  
Lansing, Michigan  
**MINUTES**

**\*\*Frequently Used Acronyms Attached**

**Members Present:**

Bill McEntee, CRA – Chair  
Jonathan Start, MTPA/KATS  
Jennifer Tubbs, MTA

Bob Slattery, MML, via Telephone  
Rob Surber, DTMB/CSS

**Support Staff Present:**

Rob Balmes, MDOT  
Gil Chesbro, MDOT  
Josh Ross, DTMB/CSS

Roger Belknap, MDOT, via Telephone  
Cheryl Granger, DTMB/CSS  
Gloria Strong, MDOT

**Members Absent:**

Dave Wresinski, MDOT, **Vice Chair**

**Public Present:**

None

**1. Welcome – Call-to-Order – Introductions:**

The meeting was called-to-order at 1:07 p.m.

**2. Public Comments on Non-Agenda Items:**

None

**3. Consent Agenda:**

**3.1. – Approval of January 24, 2018 Data Committee Meeting Minutes-Action Item (Attachment 1)**

J. Start made a motion to approve the January 24, 2018, meeting minutes; B. Slattery seconded the motion. The motion was approved by all members present.

**3.2. – TAMC Budget Update (Attachment 2)**

An updated financial report was reviewed and briefly discussed. The Culvert Pilot Project \$2,000,000 has been added to the report under VII.

**4. Review and Discussion Items:**

**4.1. – 2017 Pavement Surface Evaluation and Rating (PASER) Reporting and Analysis – G. Chesbro**

G. Chesbro gave a brief presentation showing the updated 2017 preliminary PASER data for paved non-federal aid road conditions. The Pavement Condition Forecasting System has been impacted by legislation that added \$175,000,000 to the transportation budget and G. Chesbro will be modifying his forecasting analysis to include the changes. He will also work with J. Ross at CSS and they will double check his data on the 2017 paved county roads.

**4.2. – Status of 2017 Annual Report – R. Belknap**

Committee and Council members were asked to review the drafted documents that were recently uploaded

to the TAMC Sharepoint site. Staff is currently working on the Investment Reporting document for 2015-2017. They will be reviewing the data for accuracy over the next couple of weeks. TAMC will be looking at the IRT analysis at a regional level but will not have MDOT regional projects data. The ADARS information will not be available until the end of March. Rebecca Curtis, TAMC Bridge Committee Chair, is working on the bridge data graphics. The Bridge data text is already complete. More information will be provided at the next full Council meeting in March.

#### **4.3. – Problem Statements for Request for Proposals on Investment Reporting and Condition Data – B. McEntee (Attachment 3)**

A copy of the Comparison of IRT Data with Pavement and Bridge Condition Outcomes document created by support staff was shared and reviewed with the committee for their information. This is a statement for a Request for Proposals (RFP) for a consultant to do analysis of IRT data compared to condition outcomes.

#### **4.4. – Michigan Tech University-Center for Technology and Training – T. Colling**

T. Colling was not present at today's meeting to give an update.

#### **4.5. – Act 51 Reporting and the IRT**

##### **4.5.1. – Investment Reporting and Act 51 Compliance – R. Belknap (Attachment 4)**

R. Belknap reviewed a copy of the updates summary statistics – TAMC Investment Reporting Compliance Report as of February 23, 2018.

##### **4.5.2. – CSS Training Update – J. Ross**

CSS will hold an IRT training in Saginaw on March 1. This will be the 4<sup>th</sup> IRT training held for this year. The last trainings had approximately 2-10 participants. The Saginaw training has 40 people currently signed up to attend. The Helpdesk calls have significantly decreased meaning the trainings are working. CSS still needs Council members to sign up to assist with the April 3, Marquette training, the April 19<sup>th</sup> training Webinar-call in, and the June 14<sup>th</sup> training Webinar-call in.

#### **4.6. – Website Update/Google Analytics Report – C. Granger/J. Ross**

The Google Analytics will show stats on the TAMC Website. There are 321 individual interactive pages within the TAMC Website. The top ten area hits were shown in a brief presentation. The Website had 11,000 hits in the past two months. CSS is working on adding page headers so it is easier to identify the pages that are getting or not getting hits. The PASER training area has a separate link to MTU, so it may not be registering all of the hits since they are directed to the MTU Website. CSS will look at possibly the top 10 and bottom 10 pages, and report out on their findings. They will modify the count if some of the pages are not being visited. Some sections are not being hit and since this is so new, CSS will continue to monitor and make adjustments based on where the hits are made, whether that be in the top/bottom 10 pages or the top/bottom 100 pages. They will not put Google Analytics on the dashboards until they have been updated. The Data Committee will review the analysis quarterly, and at the end of the year will do a full review. CSS will do an ongoing review to assure they are capturing everything that is needed.

#### **4.7. – Dashboard Redesign/Update – C. Granger/J. Ross**

CSS is currently working on improving the technology in the dashboards to make it more mobile friendly and more responsive. The current process of obtaining files from various agencies, putting the information into the correct format, and then loading and making viewable in the dashboard is very time consuming and tedious. CSS is working on resolving these issues and making it automated. They have come up with two options: 1) Use data from their new database and post to a new software package called Design Studio, or 2) Use data from the new database and post to a dashboard that CSS develops in-house. Option number two was recommended by CSS since this will be easiest and less expensive to execute and it is already available

in the current CSS budget. They plan to start in March and will code and test in late May/early June and go into production in June. They will be using the same data that is already available. The ongoing maintenance cost will go down. CSS has been reviewing changing the process since January 2018 and feel this change will save time and money. J. Start made a motion to accept Option 2; J. Tubbs seconded the motion. The motion was accepted by all members present. Data Committee will update the full Council and request final approval at the next TAMC meeting.

**Action Item:** CSS will have the dashboards updated by June 2018.

Action Item: Data Committee will update the full Council on selecting Option 2 for the dashboard updates at the next TAMC full Council meeting in March.

#### **4.8. – Update on Asset Management Culvert Pilot Project – B. McEntee**

B. McEntee gave a brief update on the Culvert Pilot Project discussions that occurred at the February 22, 2018 Bridge Committee meeting. TAMC must inspect small culverts in selected regions of their choice asking specific culvert information. TAMC has been allocated \$2,000,000 to for a pilot project to inspect small culverts (under 20 feet). Inventory number, cost, and conditions are the three main issues. The goal is to have a scalable sample inventory of culverts, their conditions, and the \$2,000,000 expended or encumbered by the end of the fiscal year. MTU developed a model/plan on how to get this task covered at the minimum level of inventory TAMC will need and the monies obligated by the end of September 2018 deadline. They had discussed doing a tiered system. Tier 1 – Agencies with no culvert data collected; Tier 2 – Have a few culverts located and inspected; and, Tier 3 – Agencies that have all culverts located and inspected. It needs to be determined what data needs to be stored centrally. After the pilot, MTU will do an evaluation of the pilot and come up with a statewide collection cost estimate. Then at the end MTU will do a final report on the whole process from beginning to end. The plan is to possible use the Roadsoft tool for the data collection. There are a few agencies that are already submitting culvert data. There is currently a feature in the IRT where agencies can submit culvert projects and MTU has also collected some culvert data. The National Bridge Inventory defines a bridge as 20 feet and up. Under federal law, under 20 feet is considered a culvert and it is also in the ACT 51 reports. Abutment to abutment is part of the size. It is estimated that there are 460,000 culverts on all roads statewide. It was suggested that the regions coordinate this at the local level similar to how it is done for PASER collection. The Culvert group will be holding a teleconference this Friday to help move things along with the project. CSS has stated that they have enough funds in their current budget to handle this project.

#### **4.9. – 2018 TAMC Strategic Planning Session – R. Belknap**

R. Belknap reported that a Strategic Planning Workshop has been scheduled on June 6, 2018, and each committee is being asked to identify items they would like to see on the agenda. Data Committee has already identified the issue of asset management plans. Other items of discussion that may be added to the agenda are the culvert project and the Michigan Infrastructure Commission/TAMC legislation.

#### **5. Public Comments:**

None

#### **6. Member Comments:**

None

#### **7. Adjournment:**

J. Tubbs made a motion to adjourn the meeting; J. Start seconded the motion. The motion was approved by all members present. The meeting adjourned at 2:52 p.m.. The next meeting will be held March 28, 2018, at 1:00 p.m., MDOT Aeronautics Building, 2<sup>nd</sup> Floor Commission Conference Room, 2700 Port Lansing Road, Lansing.

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## TAMC FREQUENTLY USED ACRONYMS:

<b>AASHTO</b>	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
<b>ACE</b>	ADMINISTRATION, COMMUNICATION, AND EDUCATION (TAMC COMMITTEE)
<b>ACT-51</b>	PUBLIC ACT 51 OF 1951-DEFINITION: A CLASSIFICATION SYTEM DESIGNED TO DISTRIBUTE MICHIGAN’S ACT 51 FUNDS. A ROADWAY MUST BE CLASSIFIED ON THE ACT 51 LIST TO RECEIVE STATE MONEY.
<b>ADARS</b>	ACT 51 DISTRIBUTION AND REPORTING SYSTEM
<b>BTP</b>	BUREAU OF TRANSPORTATION PLANNING (MDOT)
<b>CPM</b>	CAPITAL PREVENTATIVE MAINTENANCE
<b>CRA</b>	COUNTY ROAD ASSOCIATION (OF MICHIGAN)
<b>CSD</b>	CONTRACT SERVICES DIVISION (MDOT)
<b>CSS</b>	CENTER FOR SHARED SOLUTIONS
<b>DI</b>	DISTRESS INDEX
<b>ESC</b>	EXTENDED SERVICE LIFE
<b>FAST</b>	FIXING AMERICA’S SURFACE TRANSPORTATION ACT
<b>FHWA</b>	FEDERAL HIGHWAY ADMINISTRATION
<b>FOD</b>	FINANCIAL OPERATIONS DIVISION (MDOT)
<b>FY</b>	FISCAL YEAR
<b>GLS REGION V</b>	GENESEE-LAPEER-SHIAWASSEE REGION V PLANNING AND DEVELOPMENT COMMISSION
<b>GVMC</b>	GRAND VALLEY METRO COUNCIL
<b>HPMS</b>	HIGHWAY PERFORMANCE MONITORING SYSTEM
<b>IBR</b>	INVENTORY BASED RATING
<b>IRI</b>	INTERNATIONAL ROUGHNESS INDEX
<b>IRT</b>	INVESTMENT REPORTING TOOL
<b>KATS</b>	KALAMAZOO AREA TRANSPORTATION STUDY
<b>KCRC</b>	KENT COUNTY ROAD COMMISSION
<b>LDC</b>	LAPTOP DATA COLLECTORS
<b>LTAP</b>	LOCAL TECHNICAL ASSISTANCE PROGRAM
<b>MAC</b>	MICHIGAN ASSOCIATION OF COUNTIES
<b>MAP-21</b>	MOVING AHEAD FOR PROGRESS IN THE 21 <sup>ST</sup> CENTURY (ACT)
<b>MAR</b>	MICHIGAN ASSOCIATION OF REGIONS
<b>MDOT</b>	MICHIGAN DEPARTMENT OF TRANSPORTATION
<b>MDTMB</b>	MICHIGAN DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
<b>MITA</b>	MICHIGAN INFRASTRUCTURE AND TRANSPORTATION ASSOCIATION
<b>MML</b>	MICHIGAN MUNICIPAL LEAGUE
<b>MPO</b>	METROPOLITAN PLANNING ORGANIZATION
<b>MTA</b>	MICHIGAN TOWNSHIPS ASSOCIATION
<b>MTF</b>	MICHIGAN TRANSPORTATION FUNDS
<b>MTPA</b>	MICHIGAN TRANSPORTATION PLANNING ASSOCIATION
<b>MTU</b>	MICHIGAN TECHNOLOGICAL UNIVERSITY
<b>NBI</b>	NATIONAL BRIDGE INVENTORY
<b>NBIS</b>	NATIONAL BRIDGE INSPECTION STANDARDS
<b>NFA</b>	NON-FEDERAL AID
<b>NFC</b>	NATIONAL FUNCTIONAL CLASSIFICATION
<b>NHS</b>	NATIONAL HIGHWAY SYSTEM
<b>PASER</b>	PAVEMENT SURFACE EVALUATION AND RATING
<b>PNFA</b>	PAVED NON-FEDERAL AID
<b>PWA</b>	PUBLIC WORKS ASSOCIATION
<b>QA/QC</b>	QUALITY ASSURANCE/QUALITY CONTROL
<b>RCKC</b>	ROAD COMMISSION OF KALAMAZOO COUNTY
<b>ROW</b>	RIGHT-OF-WAY
<b>RPA</b>	REGIONAL PLANNING AGENCY

<b>RPO</b>	REGIONAL PLANNING ORGANIZATION
<b>SEMCOG</b>	SOUTHEAST MICHIGAN COUNCIL OF GOVERNMENTS
<b>STC</b>	STATE TRANSPORTATION COMMISSION
<b>STP</b>	STATE TRANSPORTATION PROGRAM
<b>TAMC</b>	TRANSPORTATION ASSET MANAGEMENT COUNCIL
<b>TAMCSD</b>	TRANSPORTATION ASSET MANAGEMENT COUNCIL SUPPORT DIVISION
<b>TAMP</b>	TRANSPORTATION ASSET MANAGEMENT PLAN
<b>TPM</b>	TRANSPORTATION PERFORMANCE MEASURES
<b>UWP</b>	UNIFIED WORK PROGRAM

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